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CONTRACT CERTIFICATE

(For Other Works)

No. **1st & Part bill** Date.....20.....

Division: Yelahanka Projects.

Bill Received No.....

Scheduled Docket No.....Dated.....Cash Book Voucher No.....dated.....

Name of Work: Package 12 1.Construction of Kempegowda Statue at Yelahanka Mini Vidhanasoudha in Kempegowda Ward No.01 of Yelahanka sub division 2. Providing and fixing stone benches to the parks in Kempegowda ward No.01 of Yelahanka sub division 3.Development of Parks comes under Attur Ward No.03 4. Fixing Stone benches to park comes under Attur Ward No.03

Job Code No: 001-20-000014 P-3747 **Est. cost: 400.00 lakhs**

Name of Contractor and Full Address : Sri. Shankarappa T K, (M/S MESPC), Bangalore.

Work Order No: EE(Project)/ Ynk Zone/WO/169/2020-21, Dated : 30-12-2020

Certified that the measurements were taken by me on 02/02/2022 and recorded in pages 439025 to 032 of measurement Book No. 21.19-20 and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work** AE

Certified that the measurements were taken by me on 02.02.2022 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Asst. Executive Engineer
Sub Division
Yelahanka Zone
Bangalore

If Memorandum of Payment

1)	Total value of work done or supplies made as per account within	2873100-92
2)	Deduct amount to be held in reserve being.....percent Rs.....	57470-00
3)	Deduct amount to be held in Balance	256527-00
4)	Deduct Payment :	
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....	256527-00
	Amount adjusted towards cash advance recovery of	
	b) Payments cost store or other materials supplied.	97808-00
	Now made recovery of amount creditable to this/other work	
	Amount paid on this bill Cheque/Cash	28730-00
5)	Balance being unpaid value of work done held in reserve	287300-00
6)	Deduct cash advance made on the office Cash Book Voucher No..... date .....less adjustments	150592-00
7)	Net amount due to or from contractor	2722948-00
	Unadjusted items	
8)	Advance to contractor for materials brought to site (as detailed) within value of Governme materials supplied	

Contractor's Signature

Received Rs.....(in words)

By Cash and by adjustment of Payment as per memorandum.

Witnesses :

1.

2.

Dated.....Signature of Contractor

Paid by me by cheque No.....Dated.....

Cash Rs.....Dated.....

Initials of Officer Making Payment

(For use in the Office)

Head of Account P-3747

Audited & Admitted for Rs. 2873100-00

Passed for Rs. 2722948-00

Paid To.....

By Adjustment Rs. 150592-00

5/10/22

Executive Engineer EE

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Name of Work:Package 12 1.Construction of Kempegowda Statue at Yelahanka Mini Vidhanasoudha in Kempegowda Ward No.01 of Yelahanka sub division 2. Providing and fixing stone benches to the parks in Kempegowda ward No.01 of Yelahanka sub division 3.Development of parks comes under Attur Ward No.03 4. Fixing Stone benches to park comes under Attur Ward No.03

Sl No	Description of Work	Unit	As per Schedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	KSRB 2-2: Earth work Excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc., either in pits or trenches 1.5m and above in width, in soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches stacking the excavated soil clear from edges of excavation with lead upto 50m. including breaking of clods complete as per specifications.	Cum	1004.23	398.40	400085.00	-	-	822.01	398.40	327490.00	822.01	327490.00
2	KSRRB M2100-10. Providing and laying plain cement concrete of mix 1:3:6 with opc @ 220kgs, with crushed 40mm and down side Graded grainte metal coarse aggregates @0.89Cum and fine aggregates @ 0.46Cum in foundation Mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all m,aterials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.	Cum	469.06	5476.67	2568887.00	-	-	290.51	5476.67	1591045.00	290.51	1591045.00
3	KSRB 5.2-3 Providing and constructing granite/ trap/ basalt size stone masonry in foundation with cement mortor 1:6, stone hammered dressed in course not less than 20cms high, bond stones at two m apart in each course including cost of materials, labour, curing complete as per specifications KBSS.1.13.	Cum	327.36	4920.97	1610929.00	-	-	305.27	4920.97	1502233.00	305.27	1502233.00
4	KSRB 4-1.6; Providing and laying in positionplain cement concrete of mix 1:2:4 with opc @240 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @0.53cum, machine mixed , concrete laid in layers not exceeding 15cms thick well compacted in foundation plinth and cills including cost of materials, labour, HOM curing complete as per specifications	Cum	21.81	5805.37	126615.00	-	-	20.74	5805.37	120380.00	20.74	120380.00
5	Fabricating, providing and erecting in position of MS hot dip galvonised Sq. Hallow Poles of 132x132 heavy guage of length 3000mm with MS. Hot dip galvonised grill work as per approved design and drawing of chief architect using 12x 75mm galvanised flat for alround frame and 20x20mm galvanised forged design with square for vertical at 150mm C/C as shown in the drawing including providing forged ornamental arrow head at top and bottom the work is inclusive of throughing flat square rods placing welding all the joints including grinding finishing 2 coats of anticorrosive paint over one coatof metal primer the rate is inclusive of all materials like MS hallow galvanized pipe flats forged square rods cost of labour for all items of work cost painting, welding, cutting, grinding with all leads and lift as per specifications including loading and unloading with cost and conveynance of all materials labours machinary and incidental charges for the successful completions of the work as per the direction of the engineer in charge of the work	Sqm	613.80	9236.35	5669272.00	-	-	584.46	9236.35	5398277.00	584.46	5398277.00

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Sl No	Description of Work	Unit	As per Schedule -B			Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
6	Fabricating, providing and erecting in position of MS hot dip galvonised Gate. Using 72x72x4.8mm Sq GI pipe frame with top pipe bending with MS. Hot dip galvonised grill work as per approved design and drawing of chief architect using 75x12mm and 50x6mm Arch galvanised flat for alround frame and 20x20mm galvanised forged design with square for vertical at 150mm C/C as shown in the drawing including providing forged ornamental arrow head at top and bottom the work is inclusive of throughing flat square rods placing welding all the joints including grinding finishing 2 coats of anticorrosive paint over one coatof metal primer the rate is inclusive of all materials like MS hallow galvanized pipe flats forged square rods cost of labour for all items of work cost painting, welding, cutting, grinding with all leads and lift as per specifications including loading and unloading with cost and conveynance of all materials labours machinary and incidental charges for the successful completions of the work as per the direction of the engineer in charge of the work	Sqm	25.68	12601.00	323594.00	_	_	25.44	12601.00	320569.00	25.44	320569.00
7	providing and fixing Pre cast solid concrete kerb stones of size 450x200x400 mm made of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete as per direction of engineer incharge	Nos	7628.00	436.84	3332216.00	_	_	2718.00	436.84	1187331.00	2718.00	1187331.00
8	Painting two coats after filling the surface with synthentic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour completed as per specifications.	Sqm	1588.24	85.66	136049.00	_	_	345.63	85.66	29607.00	345.63	29607.00
9	Providing and laying / fixing cement base precast pre polished cement concrete designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring treads of steps and landing, laid on a bed of 12mm thick cement mortor 1:3 mis finished eith flush pointing using white cement includingcost of materials mortor including cutting grinding the edge to half/full round wherever required labou curing complete as per specifications.	Sqm	1341.90	1319.11	1770114.00	_	_	912.95	1319.11	1204275.00	912.95	1204275.00
10	KSRRB M300-53 Construction of embankment with approved materials Gravel/Murrum with all lifts and leads, transportating to site, spreading grading to required slopes and compacting to meet required table 300-2 complete as per specification including cost of gravel/ murrum watering charges and compaction by vibratory roller to 95% of modified proctors density MORTH specification No.305	Cum	265.68	347.98	92451.00	_	_	79.19	347.98	27555.00	79.19	27555.00
11	KSRRB2.6 Providing and filling sand in trenches to required depth including watering rammering with all the leads and lift complete as per specifications and direction by the engineer incharge at the site	Cum	244.50	2205.65	539281.00	_	_	234.57	2205.65	517379.00	234.57	517379.00
12	KSRB 14.6: Providing and laying heavy duty cobble stones inter lock pavers using cement and course sand for manufacture of blocks of approved size shape and colour with minimum compressive strength of 281kg per Sqm over 50mm thick sand bed and compacting with plate vibrator having 3tons compaction force there by forcing part of sand underneath to come up in between joints final compaction of pavers surface joints into its final including cost of materials labours and HOM complete as per specifications	Sqm	1151.00	1127.45	1297695.00	_	_	1143.74	1127.45	1289510.00	1143.74	1289510.00
13	Executive Bench-Made out of Sadarahalli grey stone with hanmd supportys with 3 line finishing with arch design with 100mm slabs.Height 90x Length 1500 width 45cms.	Each	385.00	18383.82	7077771.00	_	_	317.00	18383.82	5827671.00	317.00	5827671.00
14	Supplying of dustbion for collection of dry and wet waste for segregation,(Fiber dustbin Modern type 3.0-3.75Ft)inclusive of all taxes and transportation charges as per the direction of Engineer in Charge (Data approved rate)	Each	2.00	18181.80	36364.00	_	_	0.00	18181.80	0.00	0.00	0.00

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Sl No	Description of Work	Unit	As per Schedule of Rates			Measurement							
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
15	Supply and fixing of children Play Equipment Curved structural posts of height 3.5m, and 2.7amre to be scheduloe HOT DIP Galvanized steel with a 114mm Odand 2.2mm (wall) thicknessof the tubing.The polesare welded on to a base plate made from steel with 114mm inner diameter. Handrail Dia 60mm shall bean all-robotic welded unit,fabricated from galvanized steel pipes with a baked on powder coating [using AkzoNobel INTERPON paints]finish. Swing of size 3.3m x 0.9m , Spring twirlof size 2.8m x 1.6m, Twirl of size 3.0 m x 0.7 m , Steering wheel loops of size 2.5 m x .5 m are all robotic welde fabricated from 32 O.D. galvanized steel pipes for the outer pipes and 25mm O.D. galvcanized steel for inner parallel bars with a baked on powder coat finish. Bolts, nuts, screws, washers and etc used for assembly shall be stainless steel 304 of tamper resistant stainless steel. Exposed hardware shall be covered with ultra violet stabilizede plastic safety caps as per EN1176 standards as a safety feature against protruding hardware, aesthetic pleasing against ugly exposed hardware and prevention against vandalism as well . Plastic Components[super thick plastic] shall be animated and shall be rotationally molded from antistatic, copolymer, virgin linear low density UV stabilized polyethylene , with color molded in and minimum thickness of 6-8mm. Inclusive of All Taxes and Transportation Charges (Data approved rate)	Each	1.00	1513971.21	1513971.00	–	–	1.00	1513971.21	1513971.00	1.00	1513971.00
16	Supply and fixing of childern Play Equipment Fiero A swing: Shaped structural posts of heightr 2.31m are to be schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm (wall) thickness of the tubimg. Plastic Components such as swing seats [super thick plastic] shall be animated and shall be rotationally molded from antistatic, copolymer, virgin linear low density UV stabilized polyethylene, with color molded in and minimum thickness of 6-8mm. the rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges	Each	2.00	128173.61	256347.00	–	–	1.00	128173.61	128174.00	1.00	128174.00
17	Supply and fixing of children Play Equipment Two seater seesaw: The See Saw consists of 2 poles of Dia 114mm. It consists of 2 seats which is made of LLDPE virgin plastic of size 305mm x 213mm x 125mm. The rates are to be inclusive of supply and installation at site.Inclusive of All Taxes and Transportation Charges	Each	2.00	84321.13	168642.00	–	–	1.00	84321.13	84321.00	1.00	84321.00
18	KSRB 2-2.1 Earth work Excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc., either in pits or trenches 1.5m and above in width, in soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, Stackling the excavation soil clear from edges of excavation lead upto 50m after breaking of clods complete as per specification. No. KBS2.1 (a)/2.3.5	Cum	44.65	326.19	14564.00	–	–	44.65	326.19	14564.00	44.65	14564.00
19	KSRB 4-1.2: Providing and Laying in position Plain Cement Concrete of Mix 1:3:6 with OPC cement @220kgs with 40mm and down size graded granite metal course aggregates @0.892 Cum and fine aggregates @0.465 Cum machine mixed concrete laid in layers not excluding 15 cms thick well compacted in foundation including cost of all materials labour HOM of machinery curing complete as per specification	Cum	7.40	5666.18	41930.00	–	–	6.56	5666.18	37167.00	6.56	37167.00

Karnataka Material Test House Pvt. Ltd.

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Sl No						Measurement						
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
20	KSRB 4-5 Providing and laying in position plain cement concrete of mix M20 with OPC cement @300kgs with 20mm and down size graded granite metal coarse aggregates @0.69cumand fine aggregates @0.43cum with superplastiser @3lts confirming to IS9103-1999 Reaffirmed -2008 Machine Mixed concrete laid in layers not exceeding 15cms thick well compacted in foundation plinth and cills including cost of all materials labour HOM of machinary curing complete as per specification	Cum	5.40	5812.36	31387.00	_	_	4.15	5812.36	24115.00	4.15	24115.00
21	Providing and laying flooring using prepolished water cut/gang saw 19mm thick granite laid over bed 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to match shade of granite slabs including laying POP on finished surface and cleaning the surface including the cost of all materials and labours etc., complete as per specification using silver grey granite/ multy red/ ruby red/ Hassangreen	Sqm	52.27	2482.90	129781.00	_	_	33.29	2482.90	82652.00	33.29	82652.00
22	Providing and fixing of wall cladding using 20mm thick gang saw water cut granite in CM 1:3 propotion cut to required shape patron with paper joint finised with cement mortor using white cement and colour pigments to match the colour of the slab making through jointing with sealant making holes 25mmx12mm grooves in joint including curing etc., complete with sadarahalli granite 20mm thick gang saw with	Sqm	12.66	2358.55	29859.00	_	_	12.66	2358.55	29859.00	12.66	29859.00
23	Providing full noising for 20mm thick granite slab using required machinary including cost and conveynance of all materials labour for all items of work HOM of equipments etc., complete as per specifications	M	14.00	294.55	4124.00	_	_	14.00	294.55	4124.00	14.00	4124.00
24	KSRB 4-6.1 Providing and removing centring shuttering strutting propping etc., and removing of form work for foundation footing bases of columns for mass concrete including cost of all materials labour complete as per specifications	Sqm	4.86	281.45	1368.00	_	_	4.86	281.45	1368.00	4.86	1368.00
25	KSRB 4-6.5 Providing and removing centering shuttering Strutiing Propping etc., for columns pillars post and struts square rectangular polygon in plain including cost of all materials labour complete as per specifications.	Sqm	23.46	497.45	11670.00	_	_	23.46	497.45	11670.00	23.46	11670.00
26	KSRB 4.2.2 Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @320kgs with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.465cum with super plastisizer @3 liters confirming to is 9103-1999 reafirmed 2008 machine mixed concrete laid in layers not exceeding 15cms thick vibrated for all work in foundation for footing pedastals retaining walls return walls walls including attached pilasters column spillars posts struts buttresses bed blocks anchor blocks & plinths etc., including cost of all materials labours HOM of machinary curing complete but excluding cost of reinforcement as per specifications	Cum	7.23	6173.45	44634.00	_	_	7.23	6173.45	44634.00	7.23	44634.00
27	KSRB 4.9.2 providing T.M.T steel reinforcement for RCC work including straightening cutting bending hooking placing in position lapping and welding wherever required tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design cost of materials labour HOM of machinery complete as per specifications	MT	1.50	77417.37	116126.00	_	_	1.50	77417.37	116126.00	1.50	116126.00
28	KSRB15-5.1 providing rough cement plastering 15mm thick in single coat with cement mortor 1:4 to bricks masonry for base of dadooing work with sand of approved quality providing and removing scaffolding including cost of materials labour curing complete as per specifications.	Sqm	12.87	223.64	2878.00	_	_	12.87	223.64	2878.00	12.87	2878.00

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Sl No	Description of Work	Unit	Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
29	KSRB 13-8.3 Providing and fixing to wall Cealing and floor medium density polyethylene pipes 6.00kgf/sq.cm working pressure 32mm outside diameter with special flange compression type fittings wall clips making good the wall cealing and floor including cost of all materials labour charges HOM of equipments and testing complete as per specifications	m	50.00	207.27	10364.00	-	-	0.00	207.27	0.00	0.00	0.00
30	Providing and fixing gun metal wheel valve conforming to IS specification of approved make as per directions including all leads and lift etc., complete for 50mm dia	Each	2.00	800.73	1601.00	-	-	2.00	800.73	1601.00	2.00	1601.00
31	Providing and laying fixing cement base precast pre polished cement concrete designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring treads of steps and landing laid on a bed of 12mm thick cement mortor 1:3 mis finished with flush pointing using white cement including cost of misterials including cutting grinding the edge to half/full round wherever required labour curing complete as per specifications	Sqm	65.25	1344.00	87696.00	-	-	0.00	1344.00	0.00	0.00	0.00
32	supplying of 1.1 KV LT UG cable having aluminium conductor PVC insulated extruede inner sheathed galvanized steel strip confirming to IS-3975:1990 & Extruded PVC outer sheathed armoured cable with specified IS-1554 part-1:1988 & confirming to GTP of GROUP-A 4 core 10 Sqmm	m	40.00	131.31	5252.00	-	-	40.00	131.31	5252.00	40.00	5252.00
33	Supply of LED floodlight liminare with pressure die cast aluminium housing body for optimal thermal dissipation . Lamp compartment comprising of anti glare clear diffuser with Injection moulded polcarbonate / clear glass material , delivering superior light output . Rated life Buring Hrs 50000Hr @ Lumen Maintenance of 70%, CCT>5500K , IP 66 optical and electrical compartment & impact resistance of complete luminare > IK08 . Power Factor >0.9 with mains , Surge Protection -Min 5KV along with Over voltage / Overload , short circuit / miss-wiring protection . Compatible for pole moulting with outer dia of 40mm to 50mm . Universal voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application . Compliance to IS 10322/IEC 60598, LM 79 &LM 80 Adherence with RoHS . UL approved MCPCB . Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools in LED Light fixture w2ith .....W System Power consumption .LED efficiency >130lm/w , nominal CRI > 75. Luminaire manufacture should have house facility accredited by NABL/CPRI & any Government certified agency & Design Development facility certified by ISO 9001:2008 . Housing with supplier word mark.	Each	2.00	18181.80	36364.00	-	-	2.00	18181.80	36364.00	2.00	36364.00

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Sl No	Description of Work	Unit	As per Schedule of			Recommended					Sanctioned	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in %	Amount	Qty	Amount
34	Making of clay modeling as per the approved schematic sketch for the above , Making of POP negative mould as per the approved clay model , Making of FRP (Fiber Reinforced Plastic) casting master pattern for the above model , Making of Bronze Metal casting by ABC mould by silica sand process with all necessary melting process materials ,Making of hand carving/ chiseling grinding , brazing ,artic bronze oxidizing by acid process including cost of bronze ornamental finishing , Imported PU Poly utherin lacqor coating , The height of the Statue would be about 12 and supported 1 height pedestal with a weight of about 1200kgs excluding weight of MS supporting fabrication work for strengthening of statue including cost of all necessary raw materials , labour , artizans work and semi artizans including erction , with all applicable taxes etc , complete as per the direction of officer in charge (Erection and transportation charges will considered separately) , complete as per the direction of engineer in charge . (Approved quotation rate)	Set	1.00	5005916.00	5005916.00	-	-	1.00	5005916.00	5005916.00	1.00	5005916.00
35	Transportation of above statue to the erection spot and fixing with necessary fixtures including hire charges of machineries required for transportation & erection with necessary labour , applicable taxes etc , complete as per the direction of engineer in charge . (approved quotation rate)	Nos	1.00	1195191.85	1195192.00	-	-	1.00	1195191.85	1195192.00	1.00	1195192.00
36	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates / Sand / Kanker / Moorum . KSRRB M100-1: Placing tipper at loading point , loading with front end loader , dumping , turning for return trip , excluding time for haulage and return trip complete as per specifications .	Cum	44.65	121.09	5407.00	-	-	44.65	121.09	5407.00	44.65	5407.00
37	Providing and fixing stainles steel 304 grade for staircase railings balconies ramps with hand rail 50mm dia 16 guage hollow pipe welded to vertical pipe spaced at 1.20m regular intervals and 5 Nos of 25mm dia stainless steel hallow horizontal pipe are welded to vertical 50mm dia hollow pipe the entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials labour HOM of machinary and electrical charges etc., complete as per specifications.	Sqm	99.80	6568.35	6047388.00	-	-	45.48	6568.35	2725211.00	45.48	2725211.00
38	KSRRB 300-1 Earthwork excavation by manual means for roads drains &similar works in ordinary soil excavated surface levelled and sides neatly dressed the disposed earth to be levelled neatly after breaking of clods complete as per specifications	Cum	7.59	209.78	1592.00	-	-	1.00	209.78	1.00	1.00	1.00
39	KSRB 5-11 Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not less than 1800kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185:2005 and constructed with Cm 1:4 as per IS 2572:2005 includeing cost of all materials labour charges scaffolding curing complete as per specification	Sqm	48.82	476.49	48454.00	-	-	1.00	476.49	1.00	1.00	1.00
40	KSRB 4-1.5 Providing and laying in position plain cement concrete of mix M20 with OPC cement @300kgs with 20mm and down size graded granite metal course aggregates @0.69cum and fine aggregates @ 0.43cum with superplastisser @ 3lts confirming to IS9103-1999 reaffirmed 2008 machine mixed concrte laid in layer not exceeding 15cms thick well compacted in foundation plinth and pills including cost of all materials labour HOM of machinary curing complete as per specifications	Cum	1.48	5784.72	8529.00	-	-	1.00	5784.72	1.00	1.00	1.00

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Sl No	Description of Work	Unit	As per Schedule -B			Measurement		Present Measurement				
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
41	Supply and fixing of children Multi Play Equipment with curved slide and number panel ; Upright structural posts of height 2.4 m, 2.7 m , 3.3 m schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm (wall)thickness of the tubing. All metal components are to be finished with a baked on powder coat finish. with deck of size 1.45 x 1.45m and Staircase of size 1.5m x 0.77 m are fabricated from 2mm perforated solid punched steel . Deck perimeter is precision pre punched for attachments . Decks are pressed , punched and welded sand blasted and vinyl plastic coated to a thickness of 4mm. Along with Handrail of height 2.2m and dia 32mm shall be an all-robotic welded unit , fabricated from 32 O>D galvanized steel pipes with a baked powder coating finish. Curved Slide of size 1.94m x 1.85 m x 2.4 m, Panels , Toprails of Monkey loop of size 1.8m x 1.3m .Deck of size 1.45 x 1.45m are fabricated from 2mm perforated solid punched steel . deck perimeter is precision pre punched for attachments . decks are pressed , punched , and welded sand blasted and vinyl plastic coated to a thickness of 4mm.Roof of size dia 2m and height 0.82m . Spiral Slide of size 1.16m x 3.6m . Panels The rates are to be inclusive of Supply and	Each	1.00	2220000.00	2220000.00	_	_	0.00	2220000.00	0.00	0.00	0.00
42	supply and fixing of children play Equipment Puppy dog Rider / Elephant rider / Horse rider :: HDPE of size 0.83 m x 0.31m x 0.87 m, Plastic Components [super thick plastic] shall be rotationally molded from antistatic , copolymer , virgin linear low density UV stabilized polyethylene, with "color molded" in not "added in " . All rotational molding is carried out in state of the art , precision , bi axial roto moulding machines which helps achieve guaranteed uniform wall thickness , seamless joints, accurate process control , one part construction to make it stress free . Specialized connectors such as clamps and couplings are to be cast from aluminium which is pre-treated , and cured , with a baked on powder coat finish . The rates are to be inclusive of supply and installation at site. Inclusive of All from aluminium which is pre-treated , and cured,with a baked on powder coat finish . The rates are to be inclusive of supply and installation at site . Inclusive of All Taxes and Transportation Charges.	Each	1.00	56357.19	56357.00	_	_	1.00	56357.19	56357.00	1.00	56357.00
	Total				35656914.00					27028563.00		27028563.00
	12% GST				2293841.52					1704714.36		1704714.36
	Grand Total				37950755.52					28733277.36		28733277.36

27026963-0

1704700-0

28731663-0

CERTIFICATE

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

Contractor

Assistant Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Consultant

Asst. Executive Engineer.

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